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## FACSIMILE COVER SHEET

Deliver to: Mai, Anh D., USPTO Art Group: 2814  
 Facsimile No.: (571) 273-8300 Date: December 13, 2006  
 From: Brent E. Vecchia, Reg. No. 48,011  
 Our Docket No.: 42P6934D Number of pages 7 including this sheet.  
 Application No.: 10/810,735 Filing Date: 3/25/2004  
 Docket Due Date(s): 12/13/2006

Enclosed are the following documents:

<input type="checkbox"/> Amendment: _____ ( ____ pgs)	<input type="checkbox"/> Issue Fee Transmittal
<input type="checkbox"/> Appeal Brief ( ____ pgs)	<input type="checkbox"/> Notice of Appeal
<input type="checkbox"/> Application: _____ ( ____ pgs) w/cover & abstract	<input type="checkbox"/> Petition for: _____
<input type="checkbox"/> Assignment & Cover Sheet ( ____ pgs)	<input type="checkbox"/> Request for Continued Examination (RCE)
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<input type="checkbox"/> Drawings: ____ sheets, ____ figures	<input type="checkbox"/> Response to Notice of Missing Parts & Formalities Letter
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<input checked="" type="checkbox"/> Other Applicant Interview Summary _____	<input checked="" type="checkbox"/> Transmittal Letter

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<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)		Application No.	10/810,735
		Filing Date	March 25, 2004
		First Named Inventor	Jick M. Yu
		Art Unit	2814
		Examiner Name	Mai, Anh D.
Total Number of Pages in This Submission	7	Attorney Docket Number	42P6934D

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> PTO/SB/08 <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Basic Filing Fee <input type="checkbox"/> Declaration/POA <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <div style="border: 1px solid black; padding: 5px; margin-top: 10px;">         Applicant Interview Summary; Facsimile Transmittal Sheet       </div>
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Brent E. Vecchia, Reg. No. 48,011 BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
Signature	<i>Brent E Vecchia</i>
Date	December 13, 2006

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<b>FEE TRANSMITTAL for FY 2006</b> <small>Patent fees are subject to annual revision.</small>		Complete if Known		
		Application Number	10/810,735	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.		Filing Date	March 25, 2004	
		First Named Inventor	Jick M. Yu	
		Examiner Name	Mai, Anh D.	
		Art Unit	2814	
TOTAL AMOUNT OF PAYMENT		(\$)	Attorney Docket No.	42p6934D

**METHOD OF PAYMENT** (check all that apply)

☐ Check 
 ☐ Credit card 
 ☐ Money Order 
 ☒ None 
 ☐ Other (please identify): \_\_\_\_\_

☒ Deposit Account Deposit Account Number: 02-2666 Deposit Account Name: Blakely, Sokoloff, Taylor & Zafman LLP

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☐ Charge fee(s) indicated below 
 ☐ Charge fee(s) indicated below, except for the filing fee  
☒ Charge any additional fee(s) or underpayment of fee(s) under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20. 
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**FEE CALCULATION**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.	
2053	130	2053	130	Non-English specification	
1251	120	2251	60	Extension for reply within first month	
1252	450	2252	225	Extension for reply within second month	
1253	1,020	2253	510	Extension for reply within third month	
1254	1,590	2254	795	Extension for reply within fourth month	
1255	2,160	2255	1,080	Extension for reply within fifth month	
1401	500	2401	250	Notice of Appeal	
1402	500	2402	250	Filing a brief in support of an appeal	
1403	1,000	2403	500	Request for oral hearing	
1451		2451		Petition to institute a public use proceeding	
1460	130	2460	130	Petitions to the Commissioner	
1807	50	1807	60	Processing fee under 37 CFR 1.17(q)	
1808	180	1808	180	Submission of Information Disclosure Stmt	
1809	790	1809	395	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	790	2810	395	For each additional invention to be examined (37 CFR § 1.129(b))	
Other fee (specify) _____					
SUBTOTAL (2)					(\$)

<b>SUBMITTED BY</b>		Complete (if applicable)	
Name (Print/Type)	Brent E. Vecchia	Registration No. (Attorney/Agent)	48,011
Signature	<i>Brent E. Vecchia</i>	Telephone	(303) 740-1980
		Date	12/13/06

Based on PTO/SB/17 (12-01) as modified by Blakely, Sokoloff, Taylor & Zafman (wtr) 12/15/2004.  
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**FEE TRANSMITTAL  
for FY 2006**

Patent fees are subject to annual revision.

**Complete if Known**

Application Number	10/810,735
Filing Date	March 25, 2004
First Named Inventor	Jick M. Yu
Examiner Name	Mai, Anh D.
Art Unit	2814
Attorney Docket No.	42p6934D

☐ Applicant claims small entity status. See 37 CFR 1.27.**TOTAL AMOUNT OF PAYMENT** (\$)**METHOD OF PAYMENT (check all that apply)**

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☒ Deposit Account Deposit Account Number: 02-2666 Deposit Account Name: Blakely, Sokoloff, Taylor & Zafman LLP

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under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20.

**FEE CALCULATION**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
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1810	790	2810	395	For each additional invention to be examined (37 CFR § 1.129(b))	
Other fee (specify) _____					
SUBTOTAL (2)					(\$)

**SUBMITTED BY****Complete (if applicable)**

Name (Print/Type)	Brent E. Vecchia	Registration No. (Attorney/Agent)	48,011	Telephone	(303) 740-1980
Signature	<i>Brent E. Vecchia</i>	Date	12/13/06		

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Our Docket No: 42P6934D

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

**Jick M. Yu**Examiner: **Mai, Anh D.**Application No.: **10/810,735**Art Group: **2814**Filed: **03/25/2004**For: **INTEGRATION OF ANNEALING  
CAPABILITY INTO METAL  
DEPOSITION OR CMP TOOL****APPLICANT INTERVIEW SUMMARY**Commissioner for Patents  
Alexandria, VA 22313-1450

This Applicant Interview Summary is filed in response to the Interview conducted with the Examiner in the above-identified case in accordance with 37 CFR1.133 and MPEP 713.04.

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December 13, 2006

Date of Transmission

Pat Sullivan

Name of Person Transmitting Correspondence

Signature

Pat Sullivan12/13/2006

Date

The date of the interview was 13 November 2006, the time of the interview was about 1:00 PM MST. The participants in the interview were Examiner Anh Mai and Brent E. Vecchia. The interview was telephonic. No exhibit was shown or demonstration conducted.

The claims discussed were 55, 68, 69, and 77. The general thrust of the principal arguments presented to the Examiner were as described below and in the Interview Summary form completed by the Examiner.

Applicants had asked the Examiner to further explain his objection to the drawings under 37 CFR 1.83(a), his statement that the "metal deposition chamber to deposit metal layers on wafers", and his assertion that this must be shown or the features cancelled from the claims. Examiner was unable to recall why he made this objection or statement. Applicants asserted that the metal deposition chamber to deposit metal layers on wafers is in fact shown in the drawings. Applicants pointed the Examiner to electroplating chambers 212 in Figure 2. Applicants also explained that it is well known that metal deposition chambers, such as electroplating tools, may deposit layers on wafers. For this reason, Applicants asserted that there should be no requirement to specifically show a metal layer on a wafer. Examiner further agreed that since he could not recall why he made the objection he would not allow the application to go abandoned if Applicants failed to comply (in his judgment) with this objection.

Applicants asserted that the Examiner seems to have ignored the act performed by the robot of moving the wafers having the metal layers deposited thereon from the metal deposition chambers directly to the annealing chamber shortly after the metal layers have been deposited on the wafers. Applicants asserted that it is inappropriate for the Examiner to simply ignore these limitations. Stating that the robot is "to" do this means that the robot has software or other logic to cause it to do this. In contrast, the robot discussed in Henley does not have this logic to cause the robot to perform this act.

The general result or outcome of the interview was that the Examiner agreed that since he could not recall why he made the objection he would not allow the application to go abandoned if Applicants failed to comply (in his judgment) with this objection. No agreement as to the allowability of the claims was reached.

No fee is believed to be due. However, please charge any needed extension of time or other needed fees to our Deposit Account No. 02-2666.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Date: 12/13/06

Brent E. Vecchia  
Brent E. Vecchia  
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